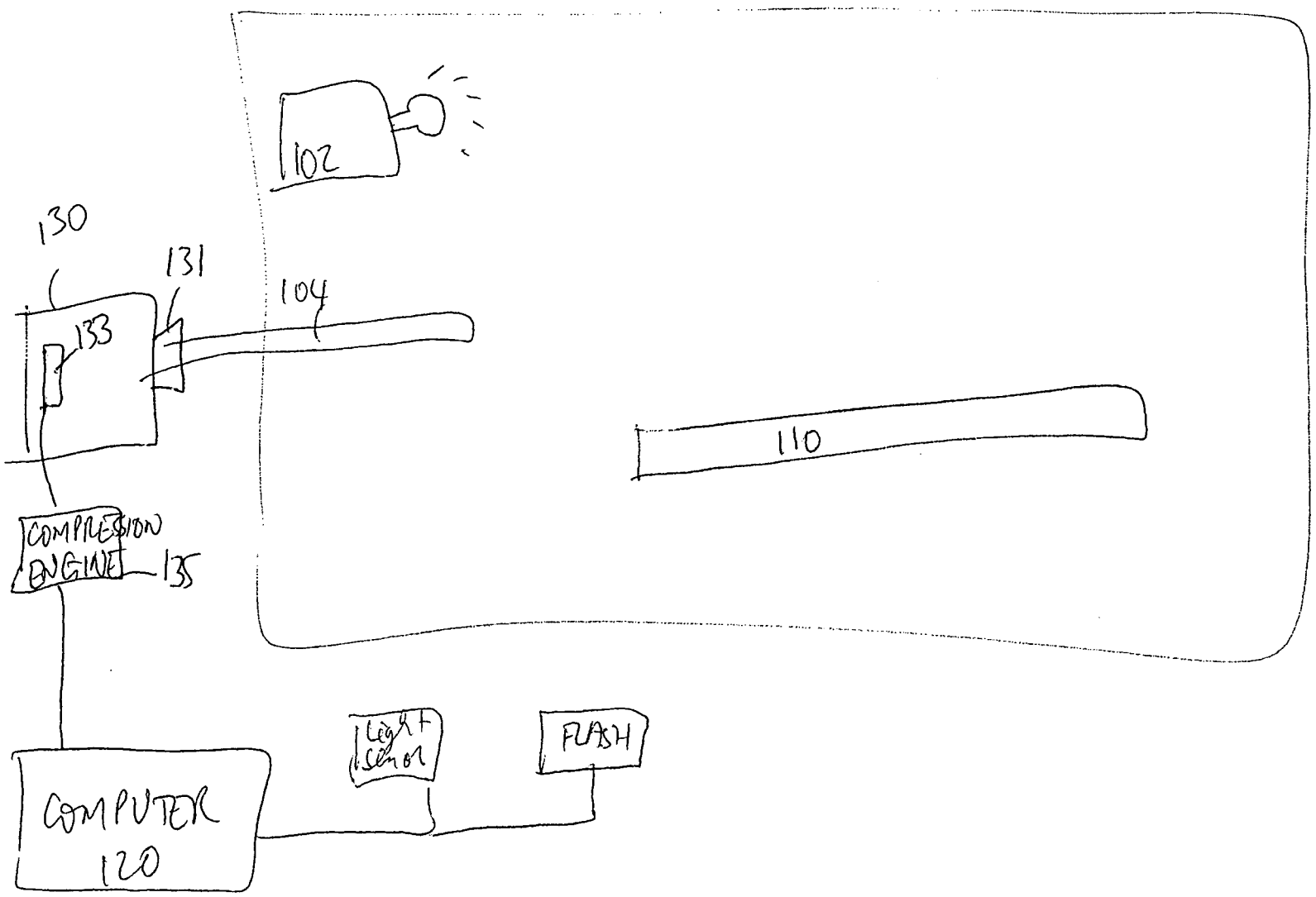
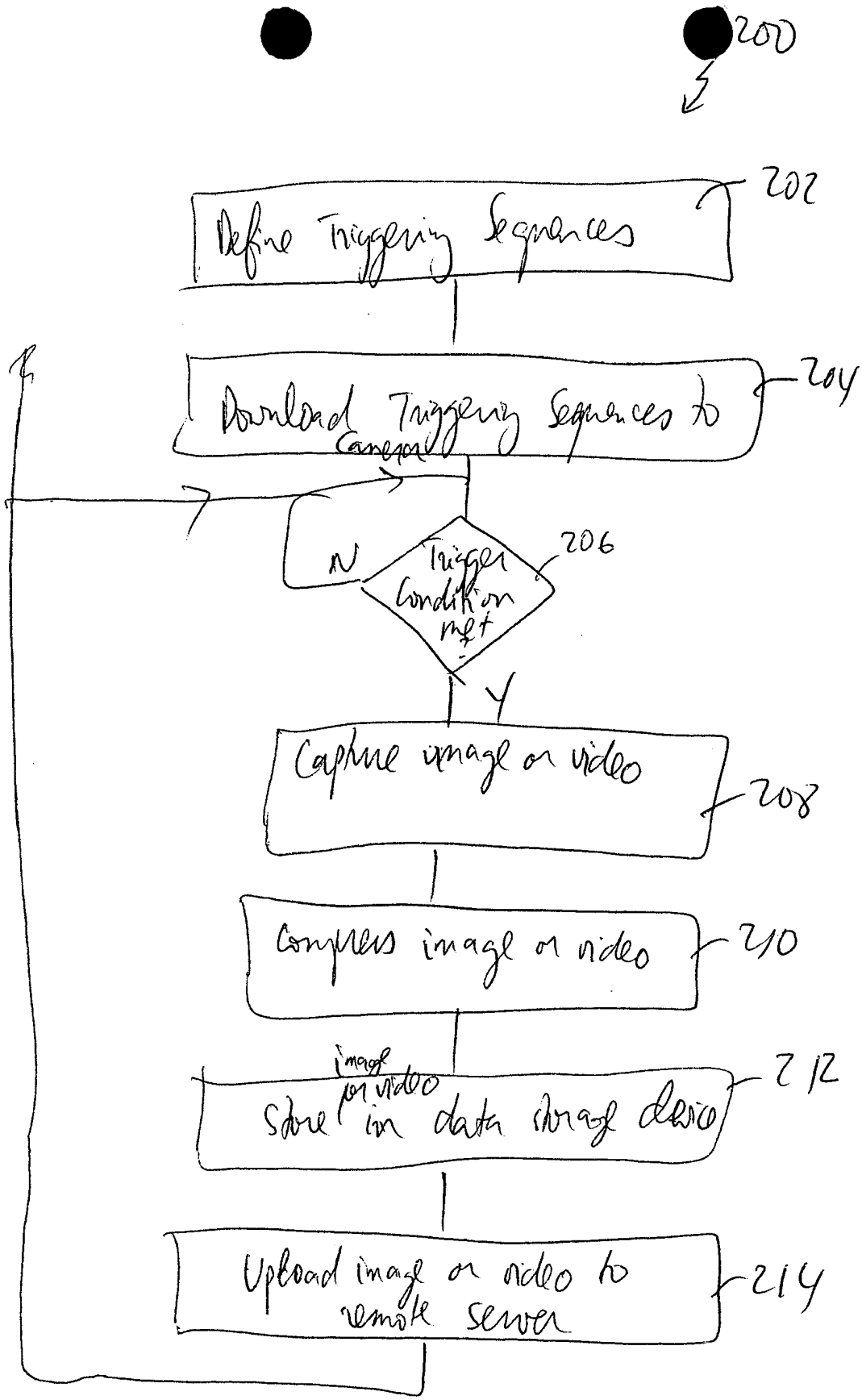
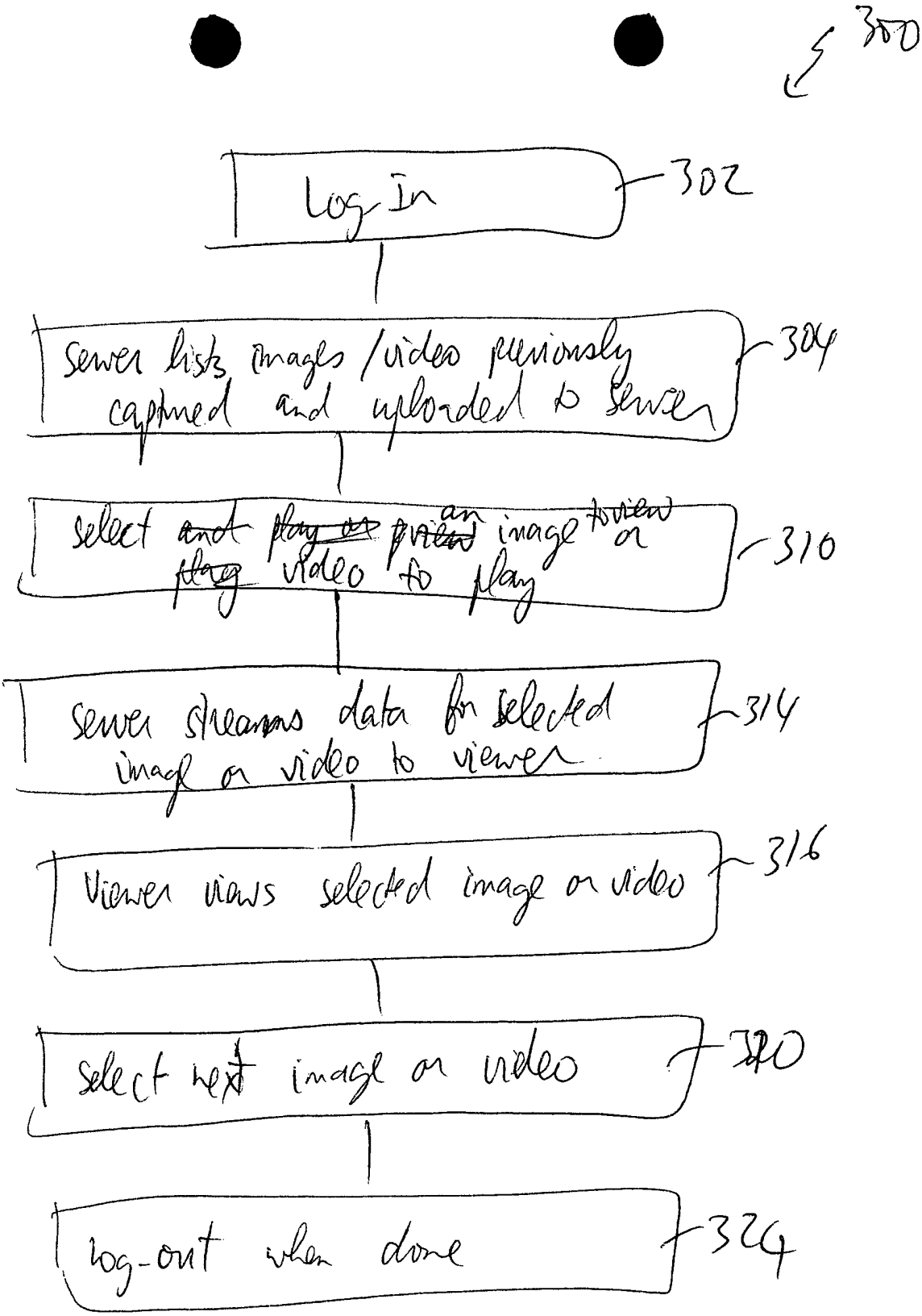

102
130
131
104
133
110
COMPRESSION ENGINE
135
COMPUTER 120
Light Sensor
FLASH

FIG. 1


200
Define Triggering Sequences
202
Download Triggering Sequences to Camera
204
N
Trigger Condition met
206
Y
Capture image or video
208
Compress image or video
210
image or video
Store in data storage device
212
Upload image or video to remote server
214

F. 2


300
Log In
302
Server lists images/video previously captured and uploaded to Server
304
Select ~~and play or preview~~ an image to view or ~~play~~ video to play
310
Server streams data for selected image or video to viewer
314
Viewer views selected image or video
316
Select next image or video
320
Log-out when done
324

F.3

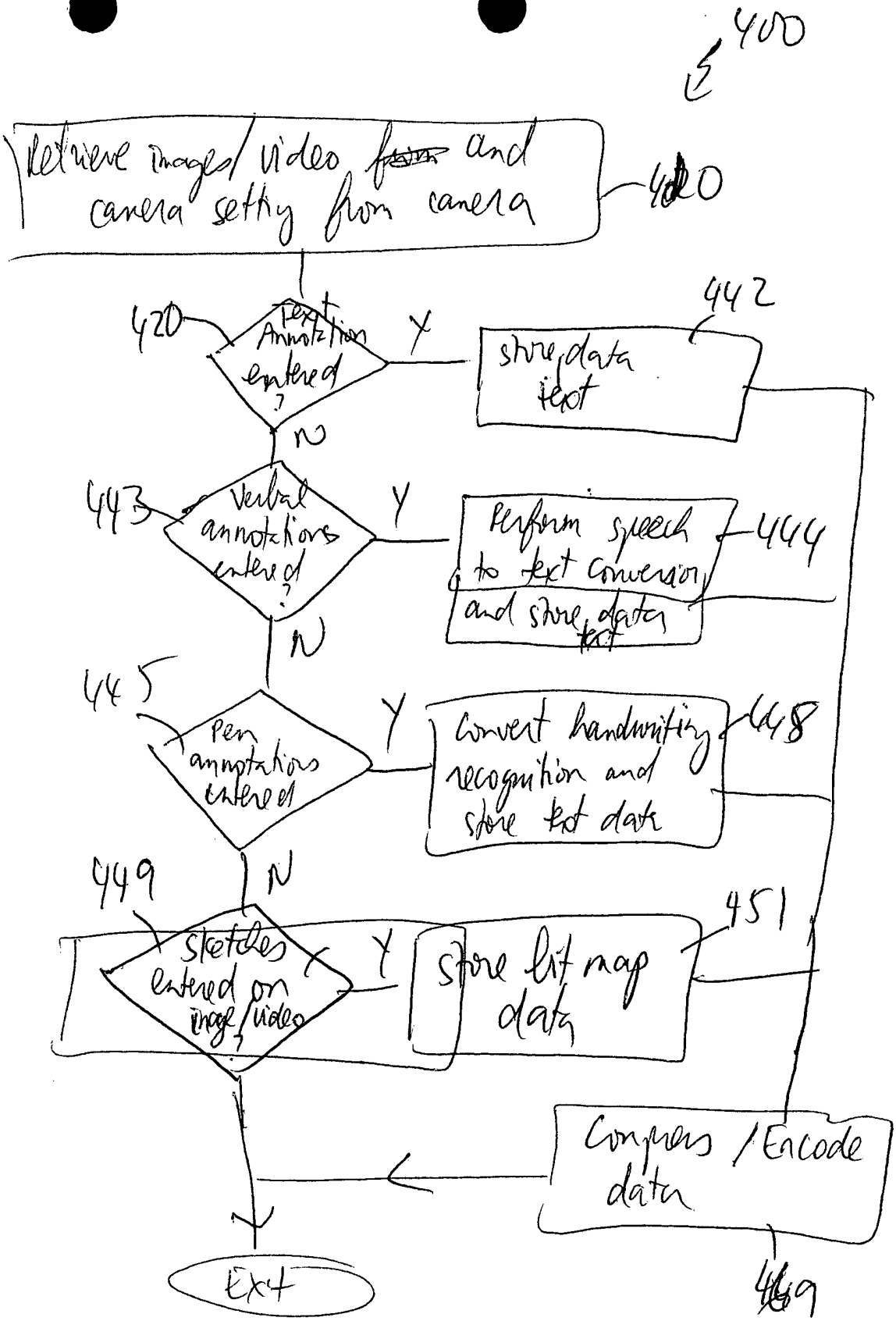

400
Retrieve images/video and camera setting from camera
410
420
Text Annotation entered?
Y
442
store data text
N
443
Verbal annotations entered?
Y
Perform speech to text conversion and store data text
444
N
445
Pen annotations entered
Y
Convert handwriting recognition and store text data
448
N
449
Sketches entered on image/video
Y
store bit map data
451
Compress / Encode data
469
Exit

Fig. 4

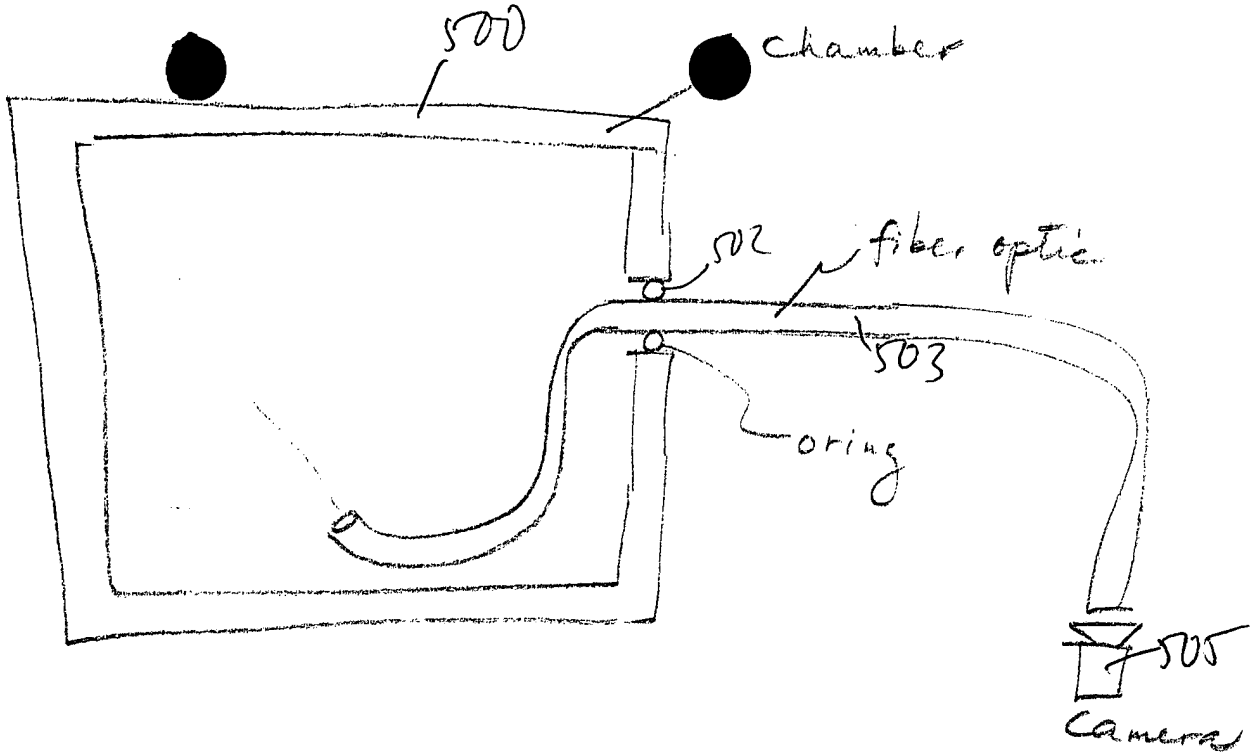


Fig 5.

Vacuum adapter for viewing inside the chamber

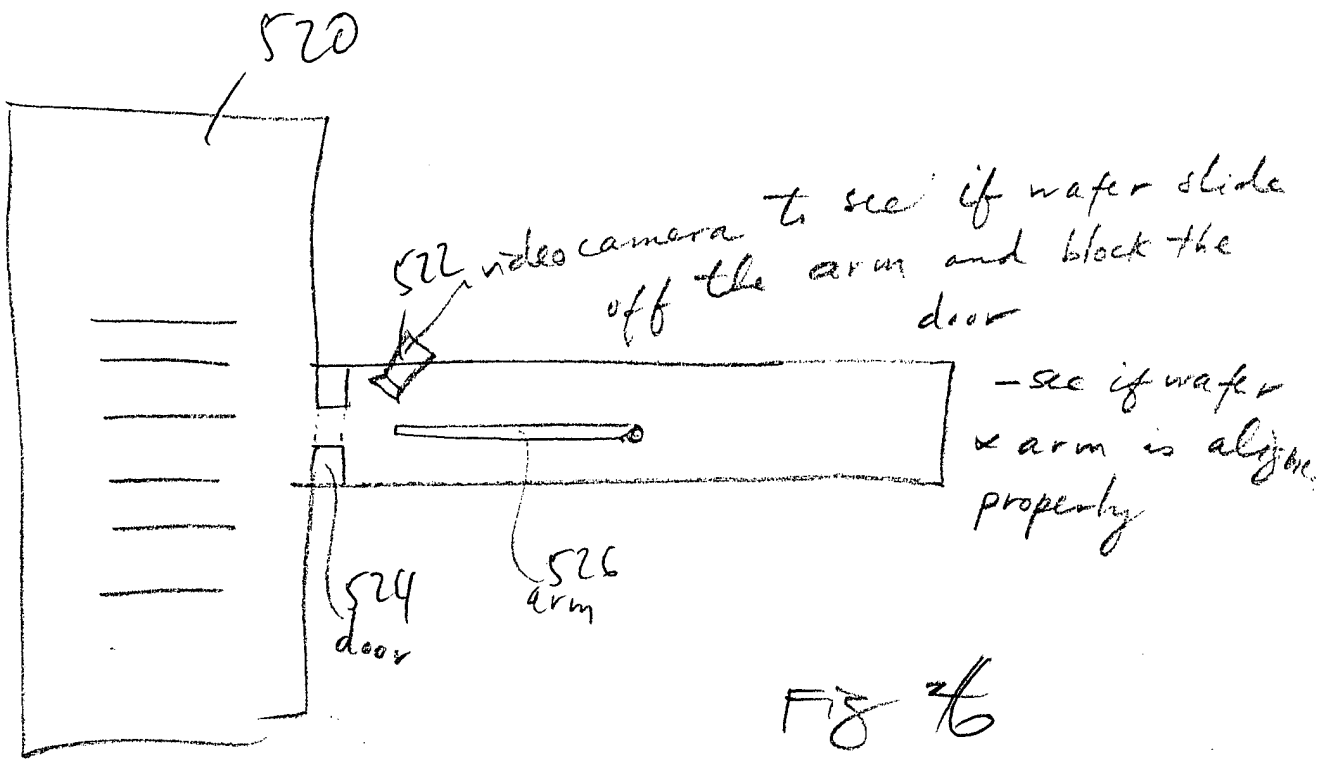

520
522 video camera to see if wafer slide off the arm and block the door
see if wafer x arm is aligned properly
524 door
526 arm

Fig 6

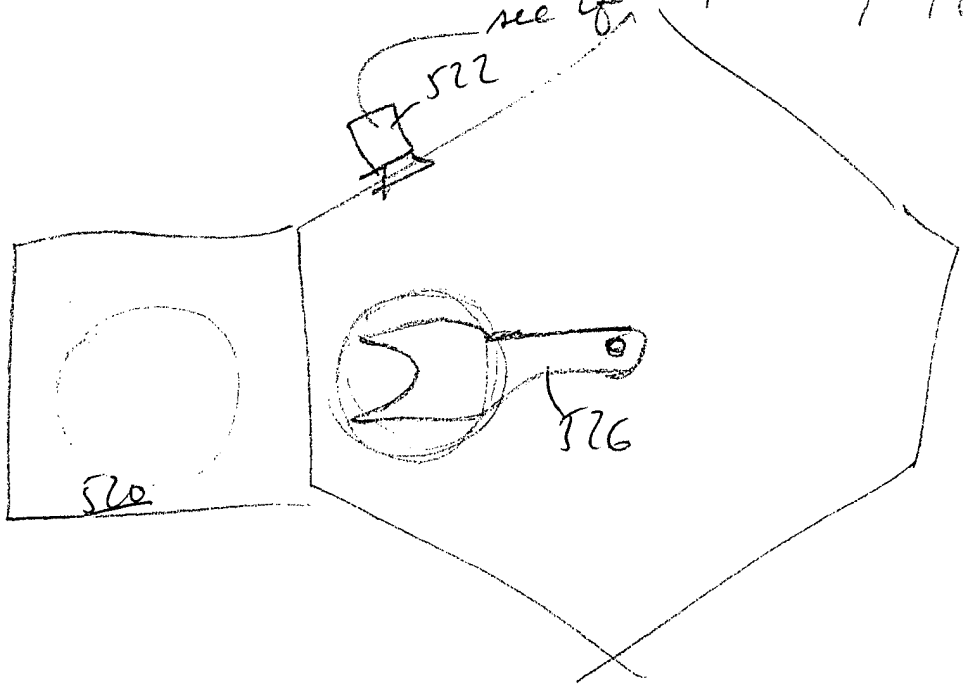

see if wafer drop off the arm
522
526
520

Fig 7

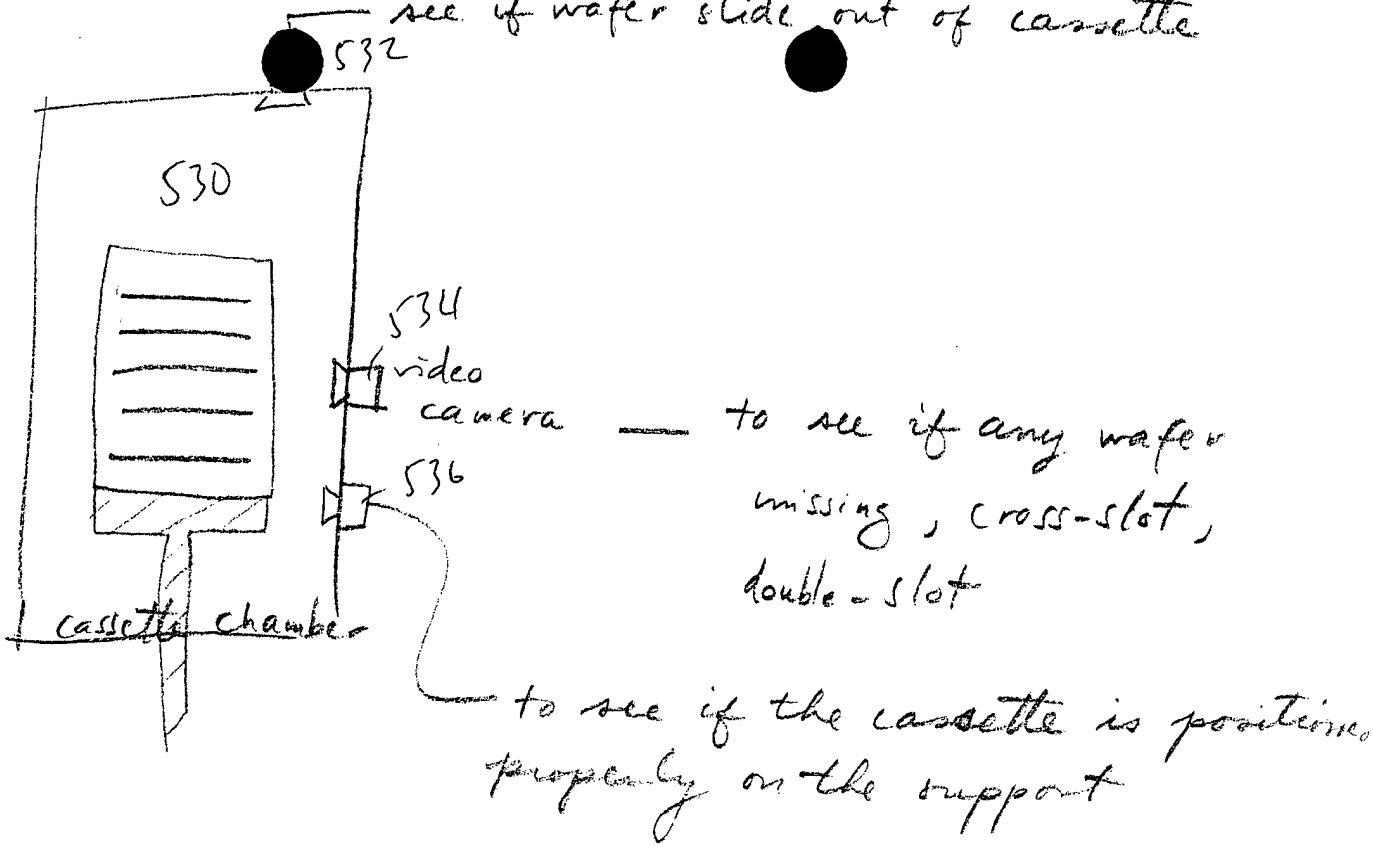
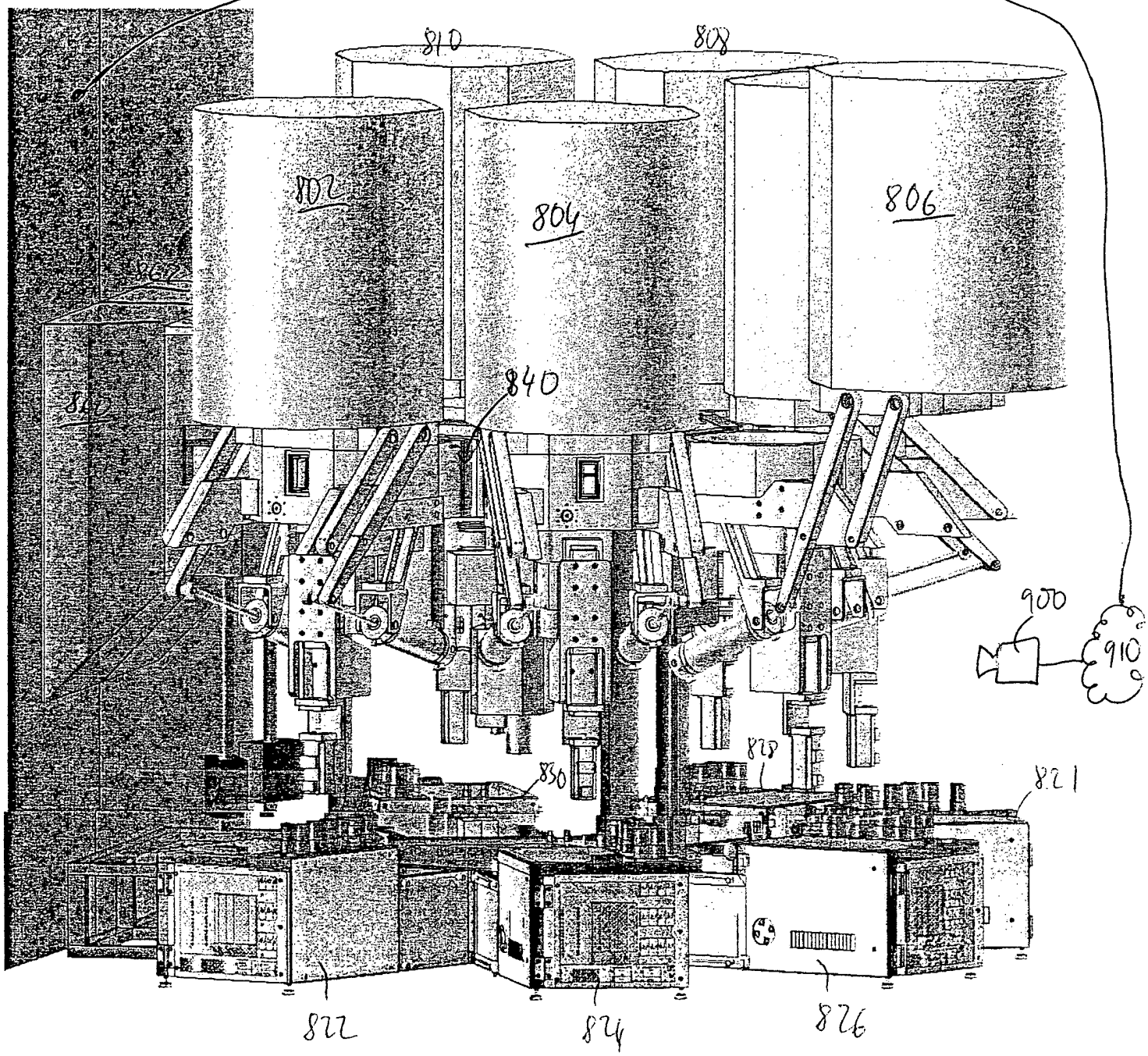

532
530
534
video camera
536
cassette chamber
see if wafer slide out of cassette
to see if any wafer missing, cross-slot, double-slot
to see if the cassette is positioned properly on the support

Fig 8


800
902
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862
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840
900
910
850
878
821
822
824
826

FIG. 9